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Endothelin-1; Endothelin receptor antagonist; Bosentan; PD155080; Clearance; Vascular effect (Hemsén, A. (318) 369)

[^{3}H]AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid)
Autoradiography; [^{3}H]CNQX (6-cyano-7-nitro-quinoxaline-2,3-dione); Antipsychotic drug (McCoy, L. (318) 41)

[^{3}H]CNQX (6-cyano-7-nitro-quinoxaline-2,3-dione)
Autoradiography; [^{3}H]AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); Antipsychotic drug (McCoy, L. (318) 41)

Head-weaving behavior
σ Receptor; Phencyclidine (PCP) receptor; Dizocilpine; (Rat) (Kitaichi, K. (318) 205)

Heart failure
Ventricular pacing, rapid; Dorsal pedal artery; Saphenous vein; α_1-Adrenoceptor; 5-Methyl-urapidil (Forster, C. (318) 55)

Coronary microvessel; Acetylcholine; Nitroglycerin; L-Arginine; Nitric oxide (NO) (Larosa, G. (318) 387)

Heart rate
γ-MSH (γ-melanocyte-stimulating hormone) fragment; ACTH (adrenocorticotropic hormone) fragment; Blood pressure; Cerebral blood flow; Structure-activity relationship; (Rat) (Van Bergen, P. (318) 357)

'High Five'
Opioid receptor; Baculovirus; Sf9; Insect cell (Obermeier, H. (318) 161)

Hippocampus
D-Cycloserine; Glycine site; NMDA receptor; Acetylcholine; Working memory (Ohno, M. (318) 267)

Histamine
Histamine H_1 receptor; Astrocytoma; GABA (γ-aminobutyric acid); Glia; Ca^{2+} (Soria-Jasso, L.-E. (318) 185)

Histamine H_1 receptor
Histamine; Astrocytoma; GABA (γ-aminobutyric acid); Glia; Ca^{2+} (Soria-Jasso, L.-E. (318) 185)

Ureter; Histamine receptor; Histamine H_2 receptor; 5-HT (5-hydroxytryptamine, serotonin); Prostaglandin; Noradrenaline (Dodel, R.C. (318) 395)

Histamine H_2 receptor
Ureter; Histamine receptor; Histamine H_1 receptor; 5-HT (5-hydroxytryptamine, serotonin); Prostaglandin; Noradrenaline (Dodel, R.C. (318) 395)

Histamine receptor
Ureter; Histamine H_1 receptor; Histamine H_2 receptor; 5-HT (5-hydroxytryptamine, serotonin); Prostaglandin; Noradrenaline (Dodel, R.C. (318) 395)

L-Histidine
Hydrogen peroxide; DNA double-strand breaks; Pulsed field gel electrophoresis; Apoptosis; Necrosis (Palomba, L. (318) 167)

[^{3}H]Strychnine binding
Glycine receptor, strychnine-sensitive; Spinal cord, rat; Autoradiography; Thiocolchicoside; Myorelaxant agent (Cimino, M. (318) 201)

5-HT (5-hydroxytryptamine, serotonin)
Spinal cord; Pain; Nociception; 5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY100635 (Gjerstad, J. (318) 315)

Microdialysis, brain; Cocaine; Dopamine; Striatum (Norton, C.S. (318) 323)

Ureter; Histamine receptor; Histamine H_1 receptor; Histamine H_2 receptor; Prostaglandin; Noradrenaline (Dodel, R.C. (318) 395)

5-HT_3 receptor; Urinary bladder; Electrical field stimulation; (Rabbit) (Barras, M. (318) 425)

Small-cell lung carcinoma; Receptor cross-talk; 5-HT receptor subtype (Vicentini, L.M. (318) 497)

5-HT receptor
Stomach fundus, rat; Contractile response; Acetylcholine release (Amemiya, N. (318) 403)

5-HT_{1A} receptor
Forced swimming test; 5-HT_{1B} receptor; Antidepressant (Redrobe, J.P. (318) 213)

Spinal cord; Pain; Nociception; 5-HT (5-hydroxytryptamine, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY100635 (Gjerstad, J. (318) 315)

5-HT_{1B} receptor
Forced swimming test; 5-HT_{1A} receptor; Antidepressant (Redrobe, J.P. (318) 213)

5-HT_3 receptor
5-HT (5-hydroxytryptamine, serotonin); Urinary bladder; Electrical field stimulation; (Rabbit) (Barras, M. (318) 425)

5-HT_3 receptor antagonist
Visceral hypersensitivity; Colonic distension; (Rat) (Langlois, A. (318) 141)

5-HT receptor subtype
5-HT (5-hydroxytryptamine, serotonin); Small-cell lung carcinoma; Receptor cross-talk (Vicentini, L.M. (318) 497)

Hybridization in situ
Dopamine D_3 receptor; c-*fos*; Neuroleptic; (Rat) (Hurley, M.J. (318) 283)

Hydrogen peroxide
L-Histidine; DNA double-strand breaks; Pulsed field gel electrophoresis; Apoptosis; Necrosis (Palomba, L. (318) 167)

Hyperplasia, intimal
Tranilast; Balloon injury; Cholesterol, high (Fukuyama, J. (318) 327)

Hyperpolarization
Endothelium; Smooth muscle, vascular; Endothelin (Waldron, G.J. (318) 89)

Immunity
Opioid; Lymphocyte proliferation; Autonomic nervous system; Sympathetic division; Parasympathetic division; (Rat) (Flores, L.R. (318) 437)

Inositol phosphate
Thalamus; α_1-Adrenoceptor; α_{1A}-Adrenoceptor; α_{1B}-Adrenoceptor; α_{1C}-Adrenoceptor (Trejo, F. (318) 175)

Insect cell
Opioid receptor; Baculovirus; 'High Five'; Sf9 (Obermeier, H. (318) 161)

Inside-out single channel recording
Bladder detrusor, guinea pig; Patch-clamp; BK_{Ca} channel; Whole-cell recording; Open-state probability (Hu, S. (318) 461)

Insulin secretion
Vanadyl sulphate; Endocrine pancreas; (Rat) (Cadène, A. (318) 145)

Intestinal motility
Smooth muscle; Tachykinin receptor agonist; Tachykinin receptor antagonist (Parlani, M. (318) 419)

Intraurethral pressure
NS-49; α_1-Adrenoceptor, subtype; Blood pressure (Taniguchi, N. (318) 117)

Isoprenaline
Vascular heterogeneity; Coronary artery, bovine; Glyceryl trinitrate; *S*-Nitroso-*N*-acetylpenicillamine; Sodium nitroprusside (De la Lande, I.S. (318) 65)

Isoproterenol
Cardiac hypertrophy; Force-frequency response; Ca^{2+}; (Rat) (Tang, L. (318) 349)

L-365,260
Cholecystokinin; CCK-8; BC 264; CCK_B receptor antagonist; Devazepide; CCK_A receptor antagonist; Depression; Stress; Forced-swimming test; RB 101; Enkephalin catabolism inhibitor (Hernando, F. (318) 221)

[Leu^{31},Pro^{34}]Peptide YY
Neuropeptide Y; Pancreatic polypeptide; Peptide YY (Gehlert, D.R. (318) 485)

Ligand binding thermodynamics
δ-Opioid receptor; Pharmacophore; Model (Maguire, P.A. (318) 505)

Long-term depression
Ca^{2+}, dendritic; Metabotropic receptor (Otani, S. (318) R5)

Losartan
Angiotensin AT_1 receptor; Angiotensin II; Binding; Aorta, rabbit; UR-7280 (De Arriba, A.F. (318) 341)

Lung, human
Down-regulation; β_2-Adrenoceptor; Salbutamol; Salmeterol; Formoterol (Nishikawa, M. (318) 123)

Lymphocyte
Suplatast tosilate; Airway inflammation; Airway hyperresponsiveness; Eosinophil; T cell (Taniguchi, H. (318) 447)

Lymphocyte proliferation
Opioid; Immunity; Autonomic nervous system; Sympathetic division; Parasympathetic division; (Rat) (Flores, L.R. (318) 437)

Macrocirculatory blood flow
Streptozotocin-diabetic rat; ACTH-(4–9) analogue; Org 2766; Adrenergic responsiveness; Nerve blood flow (Van Buren, T. (318) 73)

Mesolimbic dopamine system
Diabetes; Methamphetamine; Place preference; Dopamine D_3 receptor; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Kamei, J. (318) 251)

Metabotropic receptor
Long-term depression; Ca^{2+}, dendritic (Otani, S. (318) R5)

Methamphetamine
Diabetes; Place preference; Dopamine D_3 receptor; Mesolimbic dopamine system; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Kamei, J. (318) 251)

5-Methyl-urapidil
Ventricular pacing, rapid; Heart failure; Dorsal pedal artery; Saphenous vein; α_1-Adrenoceptor (Forster, C. (318) 55)

Metrifonate
Nimodipine; Cognitive function; EEG (electroencephalograph), cortical; (Rat) (Jäkälä, P. (318) 239)

Microdialysis
$GABA_B$ receptor; Thalamus; Aspartate; Glutamate (Nyitrai, G. (318) 295)

Microdialysis, brain
Cocaine; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Striatum (Norton, C.S. (318) 323)

MK-801
Polyamine; Putrescine; Spermidine; Spermine; NMDA (*N*-methyl-D-aspartate); Motor activity; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

Model
δ-Opioid receptor; Ligand binding thermodynamics; Pharmacophore (Maguire, P.A. (318) 505)

Mononeuropathic rat
Neuropathic pain; Morphine; Tolerance; Opioid receptor agonist (Catheline, G. (318) 273)

Morphine
Analgesia; Opioid; Δ^9-Tetrahydrocannabinol; SR-141,716 A; Dynorphin; Nor-binaltorphimine; β-Funaltrexamine; DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly-ol^5]enkephalin) (Reche, I. (318) 11)

Neuropathic pain; Mononeuropathic rat; Tolerance; Opioid receptor agonist (Catheline, G. (318) 273)

Motor activity
Polyamine; Putrescine; Spermidine; Spermine; NMDA (*N*-methyl-D-aspartate); MK-801; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

γ-MSH (γ-melanocyte-stimulating hormone) fragment
ACTH (adrenocorticotropic hormone) fragment; Blood pressure; Heart rate; Cerebral blood flow; Structure-activity relationship; (Rat) (Van Bergen, P. (318) 357)

Muscarinic M_2 receptor, prejunctional
Vagus nerve stimulation; Receptor dysfunction; Muscarinic receptor antagonist; Allergic reaction, early, late; Bronchial hyperresponsiveness; (Conscious, unrestrained guinea pig) (Ten Berge, R.E.J. (318) 131)

Muscarinic receptor antagonist
Vagus nerve stimulation; Muscarinic M_2 receptor, prejunctional; Receptor dysfunction; Allergic reaction, early, late; Bronchial hyperresponsiveness; (Conscious, unrestrained guinea pig) (Ten Berge, R.E.J. (318) 131)

Myorelaxant agent
Glycine receptor, strychnine-sensitive; [^{3}H]Strychnine binding; Spinal cord, rat; Autoradiography; Thiocolchicoside (Cimino, M. (318) 201)

Necrosis
Hydrogen peroxide; L-Histidine; DNA double-strand breaks; Pulsed field gel electrophoresis; Apoptosis (Palomba, L. (318) 167)

Nerve blood flow
Streptozotocin-diabetic rat; ACTH-(4–9) analogue; Org 2766; Adrenergic responsiveness; Macrocirculatory blood flow (Van Buren, T. (318) 73)

Neuroleptic
Dopamine D_3 receptor; *c-fos*; Hybridization in situ; (Rat) (Hurley, M.J. (318) 283)

Neuronal injury
ACPC (1-aminocyclopropanecarboxylic acid); Neuroprotection; NMDA receptor; Toxicity; Glycine; Excitatory amino acid (Lin, Y. (318) 491)

Neuropathic pain
Mononeuropathic rat; Morphine; Tolerance; Opioid receptor agonist (Catheline, G. (318) 273)

Neuropeptide Y
Neuropeptide Y-(2–36); SK-N-MC cell; SK-N-BE(2) cell; Autoradiography (Schober, D.A. (318) 307)

Pancreatic polypeptide; Peptide YY; [Leu^{31},Pro^{34}]Peptide YY (Gehlert, D.R. (318) 485)

Pancreatic polypeptide; Neuropeptide Y receptor, Y_4 and Y_5 subtype (Trinh, T. (318) R1)

Neuropeptide Y-(2–36)
Neuropeptide Y; SK-N-MC cell; SK-N-BE(2) cell; Autoradiography (Schober, D.A. (318) 307)

Neuropeptide Y receptor, Y_1 subtype
Neuropeptide Y receptor, Y_2 subtype; Cation regulation (Parker, M.S. (318) 193)

Neuropeptide Y receptor, Y_2 subtype
Neuropeptide Y receptor, Y_1 subtype; Cation regulation (Parker, M.S. (318) 193)

Neuropeptide Y receptor, Y_4 and Y_5 subtype
Neuropeptide Y; Pancreatic polypeptide (Trinh, T. (318) R1)

Neuroprotection
ACPC (1-aminocyclopropanecarboxylic acid); NMDA receptor; Toxicity; Neuronal injury; Glycine; Excitatory amino acid (Lin, Y. (318) 491)

Nicotine
Tolerance; Dopamine metabolism; Striatum, mouse; Dopamine receptor (Pietilä, K. (318) 17)

Nimodipine
Metrifonate; Cognitive function; EEG (electroencephalograph), cortical; (Rat) (Jäkälä, P. (318) 239)

Nitrergic neurotransmission
Aldose reductase; Anococcygeus muscle, rat; Diabetes; Nitric oxide (NO); Sorbinil (Way, K.J. (318) 101)

Nitric oxide (NO)
S-nitrosothiol (stereoisomer); cGMP; Vascular smooth muscle (Travis, M.D. (318) 47)

Aldose reductase; Anococcygeus muscle, rat; Diabetes; Nitrergic neurotransmission; Sorbinil (Way, K.J. (318) 101)

Coronary microvessel; Acetylcholine; Nitroglycerin; Heart failure; L-Arginine (Larosa, G. (318) 387)

Nitrobenzylthioinosine
Adenosine; Nucleoside transport; L-Adenosine (Foga, I.O. (318) 455)

Nitroglycerin
Coronary microvessel; Acetylcholine; Heart failure; L-Arginine; Nitric oxide (NO) (Larosa, G. (318) 387)

***S*-Nitroso-*N*-acetylpenicillamine**
Vascular heterogeneity; Coronary artery, bovine; Glyceryl trinitrate; Sodium nitroprusside; Isoprenaline (De la Lande, I.S. (318) 65)

NMDA (*N*-methyl-D-aspartate)
Polyamine; Putrescine; Spermidine; Spermine; Motor activity; MK-801; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

NMDA receptor
D-Cycloserine; Glycine site; Acetylcholine; Hippocampus; Working memory (Ohno, M. (318) 267)

ACPC (1-aminocyclopropanecarboxylic acid); Neuroprotection; Toxicity; Neuronal injury; Glycine; Excitatory amino acid (Lin, Y. (318) 491)

Nociception
Descending inhibition; Non-steroidal anti-inflammatory drug; Raphe magnus (Jones, S.L. (318) 37)

Flexor reflex; Galanin; GMAP (galanin message-associated peptide), fragments; Spinal cord (Xu, X.-J. (318) 301)

Spinal cord; Pain; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY100635 (Gjerstad, J. (318) 315)

Non-steroidal anti-inflammatory drug
Descending inhibition; Nociception; Raphe magnus (Jones, S.L. (318) 37)

Noradrenaline
Ureter; Histamine receptor; Histamine H_1 receptor; Histamine H_2 receptor; 5-HT (5-hydroxytryptamine, serotonin); Prostaglandin (Dodel, R.C. (318) 395)

Nor-binaltorphimine
Analgesia; Morphine; Opioid; Δ^9-Tetrahydrocannabinol; SR-141,716 A; Dynorphin; β-Funaltrexamine; DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly-ol^5]enkephalin) (Reche, I. (318) 11)

NS-49
α_1-Adrenoceptor, subtype; Intraurethral pressure; Blood pressure (Taniguchi, N. (318) 117)

Nucleoside transport
Nitrobenzylthioinosine; Adenosine; L-Adenosine (Foga, I.O. (318) 455)

Nucleus accumbens
Adenylyl cyclase; Caudate putamen; SKF 82958; cAMP (Unterwald, E.M. (318) 31)

7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin)
Diabetes; Methamphetamine; Place preference; Dopamine D_3 receptor; Mesolimbic dopamine system (Kamei, J. (318) 251)

Ethanol preference; Dopamine; SKF 38393; Raclopride; Risperidone; SCH 23390; (Rat) (Silvestre, J.S. (318) 257)

8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin)
Spinal cord; Pain; Nociception; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptor; WAY100635 (Gjerstad, J. (318) 315)

Open-state probability
Bladder detrusor, guinea pig; Patch-clamp; BK_{Ca} channel; Whole-cell recording; Inside-out single channel recording (Hu, S. (318) 461)

Opioid
Analgesia; Morphine; Δ^9-Tetrahydrocannabinol; SR-141,716 A; Dynorphin; Nor-binaltorphimine; β-Funaltrexamine; DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly-ol^5]enkephalin) (Reche, I. (318) 11)

Immunity; Lymphocyte proliferation; Autonomic nervous system; Sympathetic division; Parasympathetic division; (Rat) (Flores, L.R. (318) 437)

Opioid receptor
Baculovirus; 'High Five'; Sf9; Insect cell (Obermeier, H. (318) 161)

δ-Opioid receptor
Ligand binding thermodynamics; Pharmacophore; Model (Maguire, P.A. (318) 505)

Opioid receptor agonist
Neuropathic pain; Mononeuropathic rat; Morphine; Tolerance (Catheline, G. (318) 273)

Org 2766
Streptozotocin-diabetic rat; ACTH-(4–9) analogue; Adrenergic responsiveness; Nerve blood flow; Macrocirculatory blood flow (Van Buren, T. (318) 73)

Pain
Spinal cord; Nociception; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY100635 (Gjerstad, J. (318) 315)

Pancreatic polypeptide
Neuropeptide Y; Peptide YY; [Leu^{31},Pro^{34}]Peptide YY (Gehlert, D.R. (318) 485)

Neuropeptide Y; Neuropeptide Y receptor, Y_4 and Y_5 subtype (Trinh, T. (318) R1)

Parasympathetic division
Opioid; Immunity; Lymphocyte proliferation; Autonomic nervous system; Sympathetic division; (Rat) (Flores, L.R. (318) 437)

Patch-clamp
Bladder detrusor, guinea pig; BK_{Ca} channel; Whole-cell recording; Inside-out single channel recording; Open-state probability (Hu, S. (318) 461)

PD155080
Endothelin-1; Endothelin receptor antagonist; Bosentan; Clearance; Half-life; Vascular effect (Hemsén, A. (318) 369)

Peptide YY
Neuropeptide Y; Pancreatic polypeptide; [Leu^{31},Pro^{34}]Peptide YY (Gehlert, D.R. (318) 485)

Pharmacophore
δ-Opioid receptor; Ligand binding thermodynamics; Model (Maguire, P.A. (318) 505)

Phencyclidine
Place conditioning paradigm; Place aversion; Place preference; (Rat) (Kitaichi, K. (318) 7)

Phencyclidine (PCP) receptor
σ Receptor; Dizocilpine; Head-weaving behavior; (Rat) (Kitaichi, K. (318) 205)

Phosphatidylinositol 3-kinase inhibitor
Wortmannin; Anti-angiogenic activity; Angiogenesis, embryonic; Chorioallantoic membrane (Oikawa, T. (318) 93)

Phosphoinositide
Rutaecarpine; Alkaloid; Platelet, human; cAMP; cGMP; Thromboxane A_2 (Sheu, J.-R. (318) 469)

Place aversion
Phencyclidine; Place conditioning paradigm; Place preference; (Rat) (Kitaichi, K. (318) 7)

Place conditioning paradigm
Phencyclidine; Place aversion; Place preference; (Rat) (Kitaichi, K. (318) 7)

Place preference
Phencyclidine; Place conditioning paradigm; Place aversion; (Rat) (Kitaichi, K. (318) 7)

Diabetes; Methamphetamine; Dopamine D_3 receptor; Mesolimbic dopamine system; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Kamei, J. (318) 251)

Platelet, human
Rutaecarpine; Alkaloid; cAMP; cGMP; Thromboxane A_2; Phosphoinositide (Sheu, J.-R. (318) 469)

Polyamine
Putrescine; Spermidine; Spermine; NMDA (*N*-methyl-D-aspartate); Motor activity; MK-801; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

Prostaglandin
Ureter; Histamine receptor; Histamine H_1 receptor; Histamine H_2 receptor; 5-HT (5-hydroxytryptamine, serotonin); Noradrenaline (Dodel, R.C. (318) 395)

Pulsed field gel electrophoresis
Hydrogen peroxide; L-Histidine; DNA double-strand breaks; Apoptosis; Necrosis (Palomba, L. (318) 167)

Purinergic transmission
Adrenergic transmission; Contractile response; Circular muscle; Development; Vas deferens; (Guinea pig) (Ren, L.-M. (318) 411)

Putrescine
Polyamine; Spermidine; Spermine; NMDA (*N*-methyl-D-aspartate); Motor activity; MK-801; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

Raclopride
Ethanol preference; Dopamine; SKF 38393; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin); Risperidone; SCH 23390; (Rat) (Silvestre, J.S. (318) 257)

Raphe magnus
Descending inhibition; Nociception; Non-steroidal anti-inflammatory drug (Jones, S.L. (318) 37)

RB 101
Cholecystokinin; CCK-8; BC 264; CCK_B receptor antagonist; L-365,260; Devazepide; CCK_A receptor antagonist; Depression; Stress; Forced-swimming test; Enkephalin catabolism inhibitor (Hernando, F. (318) 221)

σ Receptor
Phencyclidine (PCP) receptor; Dizocilpine; Head-weaving behavior; (Rat) (Kitaichi, K. (318) 205)

Receptor activation
GLP-1 (glucagon-like peptide-1); GLP-1-(7–36) amide; GLP-1-(9–36) amide; GLP-1-(7–35); GLP-1-(7–34); Receptor binding; (Metabolite) (Knudsen, L.B. (318) 429)

Receptor binding
GLP-1 (glucagon-like peptide-1); GLP-1-(7–36) amide; GLP-1-(9–36) amide; GLP-1-(7–35); GLP-1-(7–34); Receptor activation; (Metabolite) (Knudsen, L.B. (318) 429)

Receptor cross-talk
5-HT (5-hydroxytryptamine, serotonin); Small-cell lung carcinoma; 5-HT receptor subtype (Vicentini, L.M. (318) 497)

Receptor dysfunction
Vagus nerve stimulation; Muscarinic M_2 receptor, prejunctional; Muscarinic receptor antagonist; Allergic reaction, early, late; Bronchial hyperresponsiveness; (Conscious, unrestrained guinea pig) (Ten Berge, R.E.J. (318) 131)

Risperidone
Ethanol preference; Dopamine; SKF 38393; Raclopride; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin); SCH 23390; (Rat) (Silvestre, J.S. (318) 257)

Rutaecarpine
Alkaloid; Platelet, human; cAMP; cGMP; Thromboxane A_2; Phosphoinositide (Sheu, J.-R. (318) 469)

Salbutamol
Down-regulation; β_2-Adrenoceptor; Salmeterol; Formoterol; Lung, human (Nishikawa, M. (318) 123)

Salivation
Tachykinin receptor antagonist; Substance P; Tachykinin NK_1 receptor; Blood pressure (Cellier, E. (318) 377)

Salmeterol
Down-regulation; β_2-Adrenoceptor; Salbutamol; Formoterol; Lung, human (Nishikawa, M. (318) 123)

SAO (Splanchnic artery occlusion shock)
VLA-4 (very late antigen-4) integrin; VCAM-1 (vascular cell adhesion molecule-1); (Rat) (Squadrito, F. (318) 153)

Saphenous vein
Ventricular pacing, rapid; Heart failure; Dorsal pedal artery; α_1-Adrenoceptor; 5-Methyl-urapidil (Forster, C. (318) 55)

Sarcoplasmic reticulum
Cyclopiazonic acid; Ca^{2+}-ATPase; Smooth muscle; Stomach; Contraction (Petkov, G.V. (318) 109)

SCH 23390
Ethanol preference; Dopamine; SKF 38393; Raclopride; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin); Risperidone; (Rat) (Silvestre, J.S. (318) 257)

Sf9
Opioid receptor; Baculovirus; 'High Five'; Insect cell (Obermeier, H. (318) 161)

SKF 38393
Ethanol preference; Dopamine; Raclopride; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin); Risperidone; SCH 23390; (Rat) (Silvestre, J.S. (318) 257)

SKF 82958
Adenylyl cyclase; Nucleus accumbens; Caudate putamen; cAMP (Unterwald, E.M. (318) 31)

SK-N-BE(2) cell
Neuropeptide Y; Neuropeptide Y-(2–36); SK-N-MC cell; Autoradiography (Schober, D.A. (318) 307)

SK-N-MC cell
Neuropeptide Y; Neuropeptide Y-(2–36); SK-N-BE(2) cell; Autoradiography (Schober, D.A. (318) 307)

Small-cell lung carcinoma
5-HT (5-hydroxytryptamine, serotonin); Receptor cross-talk; 5-HT receptor subtype (Vicentini, L.M. (318) 497)

Smooth muscle
Ca^{2+} efflux; Ca^{2+}, intracellular; α_1-Adrenoceptor (Lum Min, S.A. (318) 97)

Cyclopiazonic acid; Ca^{2+}-ATPase; Sarcoplasmic reticulum; Stomach; Contraction (Petkov, G.V. (318) 109)

Intestinal motility; Tachykinin receptor agonist; Tachykinin receptor antagonist (Parlani, M. (318) 419)

Smooth muscle, vascular
Endothelium; Hyperpolarization; Endothelin (Waldron, G.J. (318) 89)

***S*-nitrosothiol (stereoisomer)**
Nitric oxide (NO); cGMP; Vascular smooth muscle (Travis, M.D. (318) 47)

Sodium nitroprusside
Vascular heterogeneity; Coronary artery, bovine; Glyceryl trinitrate; *S*-Nitroso-*N*-acetylpenicillamine; Isoprenaline (De la Lande, I.S. (318) 65)

Sorbinil
Aldose reductase; Anococcygeus muscle, rat; Diabetes; Nitrergic neurotransmission; Nitric oxide (NO) (Way, K.J. (318) 101)

Spermidine
Polyamine; Putrescine; Spermine; NMDA (*N*-methyl-D-aspartate); Motor activity; MK-801; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

Spermine
Polyamine; Putrescine; Spermidine; NMDA (*N*-methyl-D-aspartate); Motor activity; MK-801; Amphetamine; Theophylline; (Mouse) (Giménez-Llort, L. (318) 231)

Spinal cord
Flexor reflex; Galanin; GMAP (galanin message-associated peptide), fragments; Nociception (Xu, X.-J. (318) 301)

Pain; Nociception; 5-HT (5-hydroxytryptamine, serotonin); $5\text{-}HT_{1A}$ receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY100635 (Gjerstad, J. (318) 315)

Spinal cord, rat
Glycine receptor, strychnine-sensitive; [^{3}H]Strychnine binding; Autoradiography; Thiocolchicoside; Myorelaxant agent (Cimino, M. (318) 201)

SR-141,716 A
Analgesia; Morphine; Opioid; Δ^9-Tetrahydrocannabinol; Dynorphin; Nor-binaltorphimine; β-Funaltrexamine; DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly-ol^5]enkephalin) (Reche, I. (318) 11)

Stomach
Cyclopiazonic acid; Ca^{2+}-ATPase; Sarcoplasmic reticulum; Smooth muscle; Contraction (Petkov, G.V. (318) 109)

Stomach fundus, rat
5-HT receptor; Contractile response; Acetylcholine release (Amemiya, N. (318) 403)

Streptozotocin-diabetic rat
ACTH-(4–9) analogue; Org 2766; Adrenergic responsiveness; Nerve blood flow; Macrocirculatory blood flow (Van Buren, T. (318) 73)

Stress
Cholecystokinin; CCK-8; BC 264; CCK_B receptor antagonist; L-365,260; Devazepide; CCK_A receptor antagonist; Depression; Forced-swimming test; RB 101; Enkephalin catabolism inhibitor (Hernando, F. (318) 221)

Striatum
Microdialysis, brain; Cocaine; Dopamine; 5-HT (5-hydroxytryptamine, serotonin) (Norton, C.S. (318) 323)

Striatum, mouse
Nicotine; Tolerance; Dopamine metabolism; Dopamine receptor (Pietilä, K. (318) 17)

Structure-activity relationship
γ-MSH (γ-melanocyte-stimulating hormone) fragment; ACTH (adrenocorticotropic hormone) fragment; Blood pressure; Heart rate; Cerebral blood flow; (Rat) (Van Bergen, P. (318) 357)

Substance P
Tachykinin receptor antagonist; Tachykinin NK_1 receptor; Salivation; Blood pressure (Cellier, E. (318) 377)

Suplatast tosilate
Airway inflammation; Airway hyperresponsiveness; Eosinophil; Lymphocyte; T cell (Taniguchi, H. (318) 447)

Sympathetic division
Opioid; Immunity; Lymphocyte proliferation; Autonomic nervous system; Parasympathetic division; (Rat) (Flores, L.R. (318) 437)

Tachykinin NK_1 receptor
Tachykinin receptor antagonist; Substance P; Salivation; Blood pressure (Cellier, E. (318) 377)

Tachykinin receptor agonist
Smooth muscle; Intestinal motility; Tachykinin receptor antagonist (Parlani, M. (318) 419)

Tachykinin receptor antagonist
Substance P; Tachykinin NK_1 receptor; Salivation; Blood pressure (Cellier, E. (318) 377)

Smooth muscle; Intestinal motility; Tachykinin receptor agonist (Parlani, M. (318) 419)

T cell
Suplatast tosilate; Airway inflammation; Airway hyperresponsiveness; Eosinophil; Lymphocyte (Taniguchi, H. (318) 447)

Δ^9-Tetrahydrocannabinol
Analgesia; Morphine; Opioid; SR-141,716 A; Dynorphin; Nor-binaltorphimine; β-Funaltrexamine; DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly-ol^5]enkephalin) (Reche, I. (318) 11)

Thalamus
α_1-Adrenoceptor; α_{1A}-Adrenoceptor; α_{1B}-Adrenoceptor; α_{1C}-Adrenoceptor; Inositol phosphate (Trejo, F. (318) 175)

$GABA_B$ receptor; Microdialysis; Aspartate; Glutamate (Nyitrai, G. (318) 295)

Theophylline
Polyamine; Putrescine; Spermidine; Spermine; NMDA (*N*-methyl-D-aspartate); Motor activity; MK-801; Amphetamine; (Mouse) (Giménez-Llort, L. (318) 231)

Thiocolchicoside
Glycine receptor, strychnine-sensitive; [^{3}H]Strychnine binding; Spinal cord, rat; Autoradiography; Myorelaxant agent (Cimino, M. (318) 201)

Thromboxane A_2
Rutaecarpine; Alkaloid; Platelet, human; cAMP; cGMP; Phosphoinositide (Sheu, J.-R. (318) 469)

TJN-505
Aconitine; Antiarrhythmic drug; Arrhythmia model, canine (Arita, J. (318) 333)

Tolerance
Nicotine; Dopamine metabolism; Striatum, mouse; Dopamine receptor (Pietilä, K. (318) 17)

Neuropathic pain; Mononeuropathic rat; Morphine; Opioid receptor agonist (Catheline, G. (318) 273)

Toxicity
ACPC (1-aminocyclopropanecarboxylic acid); Neuroprotection; NMDA receptor; Neuronal injury; Glycine; Excitatory amino acid (Lin, Y. (318) 491)

Tranilast
Hyperplasia, intimal; Balloon injury; Cholesterol, high (Fukuyama, J. (318) 327)

UR-7280
Angiotensin AT_1 receptor; Angiotensin II; Binding; Losartan; Aorta, rabbit (De Arriba, A.F. (318) 341)

Ureter
Histamine receptor; Histamine H_1 receptor; Histamine H_2 receptor; 5-HT (5-hydroxytryptamine, serotonin); Prostaglandin; Noradrenaline (Dodel, R.C. (318) 395)

Urinary bladder
5-HT (5-hydroxytryptamine, serotonin); 5-HT_3 receptor; Electrical field stimulation; (Rabbit) (Barras, M. (318) 425)

Vagus nerve stimulation
Muscarinic M_2 receptor, prejunctional; Receptor dysfunction; Muscarinic receptor antagonist; Allergic reaction, early, late; Bronchial hyperresponsiveness; (Conscious, unrestrained guinea pig) (Ten Berge, R.E.J. (318) 131)

Vanadyl sulphate
Endocrine pancreas; Insulin secretion; (Rat) (Cadène, A. (318) 145)

Vascular effect
Endothelin-1; Endothelin receptor antagonist; Bosentan; PD155080; Clearance; Half-life (Hemsén, A. (318) 369)

Vascular heterogeneity
Coronary artery, bovine; Glyceryl trinitrate; *S*-Nitroso-*N*-acetylpenicillamine; Sodium nitroprusside; Isoprenaline (De la Lande, I.S. (318) 65)

Vascular smooth muscle
S-nitrosothiol (stereoisomer); Nitric oxide (NO); cGMP (Travis, M.D. (318) 47)

Vas deferens
Adrenergic transmission; Purinergic transmission; Contractile response; Circular muscle; Development; (Guinea pig) (Ren, L.-M. (318) 411)

VCAM-1 (vascular cell adhesion molecule-1)
VLA-4 (very late antigen-4) integrin; SAO (Splanchnic artery occlusion shock); (Rat) (Squadrito, F. (318) 153)

Ventricular pacing, rapid
Heart failure; Dorsal pedal artery; Saphenous vein; α_1-Adrenoceptor; 5-Methyl-urapidil (Forster, C. (318) 55)

Visceral hypersensitivity
5-HT_3 receptor antagonist; Colonic distension; (Rat) (Langlois, A. (318) 141)

VLA-4 (very late antigen-4) integrin
VCAM-1 (vascular cell adhesion molecule-1); SAO (Splanchnic artery occlusion shock); (Rat) (Squadrito, F. (318) 153)

WAY100635
Spinal cord; Pain; Nociception; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin) (Gjerstad, J. (318) 315)

Whole-cell recording
Bladder detrusor, guinea pig; Patch-clamp; BK_{Ca} channel; Inside-out single channel recording; Open-state probability (Hu, S. (318) 461)

Working memory
D-Cycloserine; Glycine site; NMDA receptor; Acetylcholine; Hippocampus (Ohno, M. (318) 267)

Wortmannin
Phosphatidylinositol 3-kinase inhibitor; Anti-angiogenic activity; Angiogenesis, embryonic; Chorioallantoic membrane (Oikawa, T. (318) 93)